

Wastewater Monitoring Data<sup>1</sup>  
October 2003

In accordance with the requirements of Special Condition No. 20, grab samples were collected from a sampling port in the pipeline downstream from the acidulation station every day when transfers to the vessel were occurring. Table A-1 below presents the data reported by the approved laboratory. The signed, original certificates of analyses are on file at the Piney Point site; copies of any or all of these certificates are available upon request.

Shaw has investigated the high pH value reported for October 19. There was an upset in the acidulation station that occurred between 7:00 p.m. and 10:20 p.m.; the sample was taken at 7:30 p.m. on the 19th. The flow rate was approximately 2500 GPM. The acidulation input to basin #2 is adjacent to the intake for the pump to transfer water via the pipeline to the port. Based on review of the pH and flow strip chart for the acidulation station, the maximum volume of high pH water that could have been transferred during the upset period would have been about 300,000 gallons of the total 6,931,000 gallons transferred to the barge.

Table A-1  
Analytical Data

Date	Barge No.	pH (Standard Units)	Total Ammonia (mg/L)
10/3/2003	Barge 18 Sample 1	6.72	16.3
10/4/2003	Barge 18 Sample 2	6.85	13.2
10/8/2003	Barge 19 Sample 1	6.94	19.2
10/9/2003	Barge 19 Sample 2	6.77	14.8
10/13/2003	Barge 20 Sample 1	6.93	24.2
10/14/2003	Barge 20 Sample 2	6.88	24.2
10/18/2003	Barge 21 Sample 1	6.94	9.95
10/19/2003	Barge 21 Sample 2	11.35	12.1
10/23/2003	Barge 22 Sample 1	6.61	16.1
10/24/2003	Barge 22 Sample 2	6.63	21.2
10/29/2003	Barge N Y 23 Sample 1	6.81	13.1
10/30/2003	Barge N Y 23 Sample 2	6.66	23.6
10/27/2003	Barge Downing 1 Sample 1	6.57	19.4
10/28/2003	Barge Downing 1 Sample 2	6.65	18.1
10/31/2003	Downing 2 Sample 1	6.93	27.9

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<sup>1</sup>November 17, 2003 letter from Mimi Drew, Director, Division of Water Resource Management, Florida Department of Environmental Protection to Jimmy Palmer, Regional Administrator, U.S. EPA Region 4. Re: Permit No. OD-03 Piney Point October 2003 Monthly Report